



MISSOURI DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF ENVIRONMENTAL QUALITY  
DEMOLITION LANDFILL INSPECTION CHECKLIST

Enf file CO-WMPS

Recorded

TYPE OF INSPECTION ▶

II

I GENERAL INFORMATION

DATE OF INSPECTION 9-26-90	DAYS/WEEK OPEN 6	TIME OF ARRIVAL 9:15 AM
WEATHER Clear, 81% humidity, wind (W) 6-7 mph		TEMPERATURE 70's
FACILITY NAME West Lake Demolition Landfill		COUNTY St. Louis
OWNER Laidlaw Waste Systems, Inc.		PERMIT NUMBER 278912
ADDRESS 13570 H. Charles Rock Rd. Bridgeton		TELEPHONE NUMBER (314) 739-1919
OPERATOR None on site	CITY Bridgeton	STATE MO
ADDRESS		ZIP CODE 63044
CITY		TELEPHONE NUMBER
CITY		STATE

II REMAINING LIFE OF LANDFILL

A. Estimated quantity of waste accepted, 4000 yards or tons/week

B. Estimated life of remaining landfill, 6 months years.

C. Fixed operating term date, N/A

AREA SERVED

A. Cities:  
Various Municipalities

B. Counties:  
St. Louis, St. Charles

Site: West Lake CL 2  
ID # MBD07990032  
Break: 178  
Other: 9-26-90

NOTE ▶ Check all subsections: SAT-Satisfactory or UNS-Unsatisfactory. If necessary, describe "UNS" violations under "Remarks."

		SAT	UNS
10 CSR 80-2.020 PERMIT ISSUANCE, SPECIAL OPERATING PERMITS AND PERMIT EXEMPTION			
(5)(E)	SITE CONSTRUCTED AND OPERATED PER TERMS AND CONDITIONS OF PERMIT		
10 CSR 80-2.080 CERTIFIED SOLID WASTE TECHNICIANS			
(2)(A)	CERTIFIED SOLID WASTE TECHNICIAN, <u>Randy Anderson</u>		
10 CSR 80-4.010 DEMOLITION LANDFILL DESIGN AND OPERATION			
(2) SOLID WASTE ACCEPTED			
(2)(C)	SOLID WASTES ACCEPTED DISPLAYED AT THE SITE ENTRANCE		
(3) SOLID WASTE EXCLUDED AND SPECIAL WASTE APPROVALS			
(3)(C)1.	DISPOSAL OF SPECIAL WASTES APPROVED IN THE PERMIT IN ACCORDANCE WITH APPROVED PLANS	✓	
(3)(C)2.A.	WRITTEN APPROVAL FOR SPECIAL WASTE NOT APPROVED IN PERMIT	✓	
(3)(C)2.B.	APPROVED SPECIAL WASTE DISPOSED OF PROPERLY	✓	
(3)(C)3.	PROCEDURES FOR SCREENING AND REMOVAL OF EXCLUDED WASTES IMPLEMENTED	✓	
(4) SITE SELECTION			
(4)(C)1.	SITE ACCESSIBLE IN ALL WEATHER CONDITIONS, TEMPORARY ROADS PROVIDED TO WORKING FACE	✓	
(4)(C)2.	IF ACCESS ROADS ARE FLOODED, ALTERNATE LANDFILL IS AVAILABLE. NAME: <u>Bellevue</u>	✓	
(5) DESIGN			
(5)(C)1.	CONSTRUCTION AND OPERATION OF THE SITE IN ACCORDANCE WITH PLANS AND SPECIFICATIONS	✓	
(5)(C)2.	MINIMUM 50-FOOT BUFFER ZONE MAINTAINED	✓	
(5)(C)3.	OPERATING MANUAL AVAILABLE		✓
(6) SURVEY CONTROLS			
(6)(C)1.	BOUNDARY MARKERS, BENCHMARKS, AND HORIZONTAL CONTROL STATIONS CLEARLY MARKED AND IDENTIFIED	✓	
(6)(C)2.	MISSING OR DISPLACED BENCHMARKS OR HORIZONTAL CONTROL STATIONS REESTABLISHED	✓	
(6)(C)3.	MISSING OR DISPLACED CONSTRUCTION STAKES REESTABLISHED	✓	
(6)(C)4.	MONUMENTS AND BOUNDARY MARKERS PLACED PRIOR TO RECEIVING AUTHORIZATION TO OPERATE	✓	
(6)(C)5.	CONSTRUCTION STAKES MARKING THE ACTIVE AREA PLACED PRIOR TO DEPOSITION OF WASTE	✓	
(7) WATER QUALITY			
(7)(C)1.	SURFACE WATERCOURSES & RUNOFF PROPERLY DIVERTED, CONSTRUCTION & GRADING TO PROMOTE RUNOFF WITHOUT EXCESSIVE EROSION	✓	
(7)(C)2.	CONTACT BETWEEN WATER AND SOLID WASTE MINIMIZED	✓	
(7)(C)5.	LEACHATE GENERATED ON-SITE CONTROLLED ON-SITE & NOT ALLOWED TO DISCHARGE OFF SITE OR INTO WATERS OF THE STATE	✓	
(8) GROUND-WATER MONITORING			
(8)(C)1 B.	GROUND-WATER MONITORING WELLS OPERATIONAL PRIOR TO ACCEPTANCE OF WASTE	None	
(9) AIR QUALITY			
(9)(C)	BURNING OF SOLID WASTE PROHIBITED UNLESS A BURNING PERMIT IS OBTAINED	✓	

		SAT	UNS
<b>(10) GAS CONTROL</b>			
(10)(C)1.	DECOMPOSITION GAS CONTROL SYSTEMS IMPLEMENTED AS NECESSARY. <i>none</i>	✓	
(10)(C)2.A.	METHANE NOT ALLOWED TO CONCENTRATE IN BUILDINGS ON-SITE ABOVE 25 PERCENT LEL.	✓	
(10)(C)2.B.	METHANE NOT ALLOWED TO CONCENTRATE IN THE SOIL AT THE PROPERTY BOUNDARY ABOVE 5 PERCENT LEL.	✓	
(10)(C)3.	DECOMPOSITION GAS MONITORING RESULTS SUBMITTED TO THE DEPARTMENT AS REQUIRED.	✓	
<b>(11) VECTORS</b>			
(11)(C)1.	VECTOR CONTROL PROGRAMS IMPLEMENTED.	✓	
<b>(12) AESTHETICS</b>			
(12)(C)1.	LITTER CONTROL DEVICES USED AS NEEDED. LITTER COLLECTED AND INCORPORATED INTO THE ACTIVE CELL AT THE END OF EACH DAY OR PLACED IN CONTAINERS.	✓	
(12)(C)2.	WASTES EASILY MOVED BY WIND COVERED AS NECESSARY.	✓	
(12)(C)3.	ON-SITE VEGETATION CLEARED ONLY AS NECESSARY.	✓	
(12)(C)4.	SALVAGED MATERIALS REMOVED DAILY OR STORED IN AESTHETICALLY ACCEPTABLE CONTAINERS.	✓	
<b>(13) COVER</b>			
(13)(C)1.	TWELVE (12) INCHES COMPACTED SOIL COVER APPLIED AT LEAST ONCE EVERY SEVEN CALENDAR DAYS.	✓	
(13)(C)2.	FINAL COVER APPLIED TO COMPLETED AREAS.	✓	
(13)(C)3.	FINAL SIDE SLOPES NOT TO EXCEED 33.3 PERCENT.	✓	
(13)(C)4.	VEGETATION ESTABLISHED WITHIN 180 DAYS OF APPLICATION OR REGRADING OF COVER.	✓	
(13)(C)5.	REGRADING AND RECOVERING AS NECESSARY.	✗	
<b>(14) COMPACTION</b>			
(14)(C)1.	SOLID WASTE HANDLING EQUIPMENT ON-SITE AND OPERATED AS NECESSARY.	✓	
(14)(C)1.A.	SOLID WASTE TO BE SPREAD IN LAYERS NO MORE THAN TWO FEET THICK, & CONFINED TO SMALLEST PRACTICAL AREA.	✓	
(14)(C)1.B.	WASTE COMPACTED TO SMALLEST PRACTICAL VOLUME.	✓	
(14)(C)1.C.	COVER COMPACTED AS MUCH AS PRACTICAL.	✓	
(14)(C)2.	SOLID WASTE SPREAD & COMPACTED AT LEAST WHEN THE ACCUMULATED WASTE REACHES 200 CUBIC YARDS.	✓	
(14)(C)3.	PREVENTIVE MAINTENANCE PERFORMED ON EQUIPMENT.	✓	
(14)(C)4.	SOLID WASTE NOT DISPOSED OF IN WATER.	✓	
<b>(15) SAFETY</b>			
(15)(C)1.	FIRE EXTINGUISHERS PROVIDED.	✓	
(15)(C)2.	ALL FIRES IN WASTES BEING DELIVERED, AT THE WORKING FACE OR WITHIN EQUIPMENT EXTINGUISHED.	✓	
(15)(C)3.	SCAVENGING PROHIBITED.	✓	
(15)(C)4.	CONTROLLED ACCESS TO SITE BY ESTABLISHED ROADWAYS & LIMITED TO HOURS WHEN OPERATING PERSONNEL ARE ON DUTY.	✓	
(15)(C)5.	TRAFFIC CONTROLLED AND DIRECTED TO DESIGNATED DISPOSING POINTS.	✓	
(15)(C)6.	SITE DUST CONTROLLED. <i>Water Trucks</i>	✓	
<b>(16) RECORDS</b>			
(16)(C)1.A.	RECORDS OF MAJOR PROBLEMS AND COMPLAINTS.	✓	
(16)(C)1.B.	RECORDS OF DATES OF COVER MATERIAL APPLICATION.	✓	
(16)(C)1.C.	RECORDS OF QUALITATIVE AND QUANTITATIVE EVALUATION OF THE ENVIRONMENTAL IMPACT OF THE LANDFILL.	✓	
(16)(C)1.D.	RECORDS OF VECTOR CONTROL EFFORTS.	✓	
(16)(C)1.E.	RECORDS OF DUST AND LITTER CONTROL EFFORTS.	✓	
(16)(C)1.F.	RECORDS OF QUANTITY OF WASTE RECEIVED.	✓	
(16)(C)1.G.	RECORDS OF QUANTITY OF WASTE HANDLED. TOPOGRAPHIC MAP SUBMITTED EVERY FIVE YEARS.	✓	
(16)(C)1.H.	RECORDS OF DESCRIPTION, SOURCES, AND VOLUME OF SPECIAL WASTES LISTED IN SUBSECTION (3)(IA).	✓	
<b>OTHER DESIGN SPECIFICATIONS</b>			
(7)(C)3.	LEACHATE COLLECTION SYSTEM PROPERLY INSTALLED AND OPERATED.	✓	
(7)(C)4.	LINER CONSTRUCTED BY APPROVED DESIGN. <i>None</i>	✓	
(8)(C)1.A.	GROUND-WATER MONITORING WELLS INSTALLED.	✓	
(13)(C)8.	BORROW AREAS RECLAIMED.	✓	

**REMARKS**

(1) Minor erosion noted on North and east sides of landfill. Exposed waste observed in these areas.

(2) No operating manual available on-site.

SIGNATURE OF INSPECTOR

*Christie Davidson / Joseph L. Tumbler*

OFFICE

*St. Louis Regional Office*

*Received by Randy Anderson (New Chicago)*



MISSOURI DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF ENVIRONMENTAL QUALITY  
**SOLID WASTE AND RECOVERED MATERIALS DATA SHEET**

NAME OF FACILITY <u>West Lake Demolition Landfill</u>		PERMIT NUMBER <u>218912</u>	
DATE <u>9-26-90</u>	REGIONAL OFFICE <u>St. Louis</u>	INSPECTOR <u>Christine Davidson</u>	
<b>TIPPING FEES</b>			
CUBIC YARD <u>10.00</u>	PICKUP LOAD <u>11.20<sup>00</sup></u>	WHITE GOODS <u>NA</u>	
TON	CAR LOAD <u>NA</u>	TIRES <u>NA</u>	
APPLICABLE *	TYPE OF MATERIAL RECOVERED	AMOUNT RECOVERED/MONTH CUBIC YARDS OR TONS	AMOUNT RECYCLED/MONTH CUBIC YARDS OR TONS
<input checked="" type="checkbox"/>	ALUMINUM Cans Scrap	<u>                    </u> <u>                    </u>	<u>minimal</u> <u>                    </u>
<input checked="" type="checkbox"/>	OTHER METAL Ferrous Non-Ferrous	<u>                    </u> <u>                    </u>	<u>minimal</u> <u>                    </u>
<input checked="" type="checkbox"/>	PAPER Newspaper Corrugated Computer/White Mixed	<u>                    </u> <u>                    </u> <u>                    </u> <u>                    </u>	<u>                    </u> <u>                    </u> <u>                    </u> <u>                    </u>
<input checked="" type="checkbox"/>	GLASS Clear Mixed	<u>                    </u> <u>                    </u>	<u>                    </u> <u>                    </u>
<input checked="" type="checkbox"/>	PLASTIC Milk Jugs Soda Bottles Mixed	<u>                    </u> <u>                    </u> <u>                    </u>	<u>                    </u> <u>                    </u> <u>                    </u>
<input checked="" type="checkbox"/>	CAR BATTERIES	<u>                    </u>	<u>                    </u>
<input checked="" type="checkbox"/>	TIRES	<u>                    </u>	<u>                    </u>
<input checked="" type="checkbox"/>	WHITE GOODS	<u>                    </u>	<u>                    </u>
<input checked="" type="checkbox"/>	COMPOST FROM YARD WASTE	<u>                    </u>	<u>                    </u>
<input checked="" type="checkbox"/>	COMPOST FROM SOLID WASTE	<u>                    </u>	<u>                    </u>
<b>NOTE</b> <input checked="" type="checkbox"/> * CHECK IF APPLICABLE PRINT "N/A" IF NOT APPLICABLE			